

Resilience and Sustainability Advisory Committee

May 13th, 2025



Action items and key takeaways from last RSAC

- ▶ Develop a Regional Vision for Resilience - regional meaning the County - but may encompass the tri-county.
- ▶ Reference: Dutch Dialog
- ▶ Identification of our County partners for Resilience and Sustainability initiatives
- ▶ Review and consider Climate Action Plan Strategy assignments for RSAC members
- ▶ Distribute updates from the South Carolina Office of Resilience (SCOR) regarding the statewide climate action plan.
- ▶ Committee will begin to prioritize the strategies to accelerate a course forward.
- ▶ Each member will review the 53 Climate Action Plan Strategies and develop more in-depth comments and questions.
- ▶ Additional meetings may be organized outside of the regularly scheduled sessions as prioritization of strategies and delegation of responsibilities ensue.

Resilience Updates

- ▶ Federal: Significant cuts to FEMA funding include BRIC, HMGP, IA/PA, significantly impacting mitigation, recovery, and resilience activities.
- ▶ State: SC Office of Resilience
- ▶ Regional: VOAD/COAD
- ▶ County:
 - ▶ Hazard Mitigation: Brownfield Redevelopment Project - community outreach
 - ▶ Energy Resilience: SCDVA Microgrid Grant with Joint- Base - Award Paused
 - ▶ Flood Mitigation: Conducted insurance gap analysis with NFIP data
 - ▶ Regional Resilience Collaborative: convening, identifying resilience projects for quick implementation
 - ▶ Started looking into mapping our wetlands to better understand what could be affected if federal protection changes (Supports Resilience and Sustainability)

Sustainability Updates - State and Regional

► State- SCOR & DES

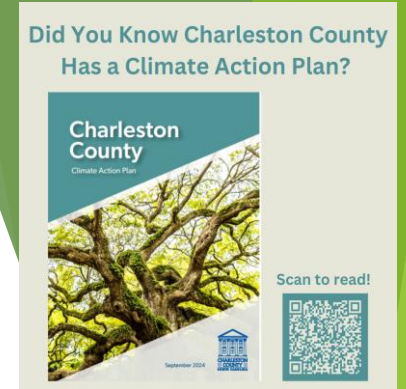
- Palmetto Air Quality Collaborative (PAQC) to manage the Pollution Reduction Grant (CPRG) program. - Funding our regional plan
- Next Deliverables will be in December 2025: Clean Air Strategies for South Carolina
 - GHG updates, Future projections, in- depth look at strategies: Broken up into 6 focus areas
 - Action Teams will be created to produce these strategies- later this spring or early summer
 - Online survey should be live later this week to submit feedback on priorities in reducing GHG emissions and building local resilience

► Regional- BCDCOG

- Hired SSG to write their climate action plan
- Started technical assistance meetings with specialists in the field and community engagement.
 - Next meeting June 3rd

Sustainability Updates- County

- Promotion of the CAP
- Working collaboratively on events with different municipalities/organizations
 - MUSC, CofC, Sustainability Institute, Lowcountry Land trust and Coastal Conservation League
 - City of Folly Beach, Town of Mount Pleasant, City of North Charleston and City of Charleston
- Preparing an amendment to the plastic bag ordinance to close the loop and create uniformity among the County.
- Working with Charleston County's Greenbelt Department on their Technical Advisory Committee and promoting the concept of carbon sequestration within the program
- Energy Efficiency and Conservation Block Grant (resident energy audits and weatherization)
 - Back on will be discussed later



Current Inventory

- ▶ Airtable- Projects Only - Recommended by Yuill from SSG (CAP Contractor)
 - ▶ Eventually can be an interactive platform for people to see the current sustainable and climate focused projects happening within the County
- ▶ This allows us to directly link projects to big moves and implementation strategies

Internal:

- ▶ Since the last meeting, Walt and I have been meeting with County Departments outlining the Implementation Strategies that are directly related to them
 - ▶ Gathering information of projects that are already happening that relate to the implementation strategies

External:

- ▶ We also have been talking to other organizations and municipalities using the same format

	Internal	External	Total
Projects/Programs Connected to CAP	62	25	87
Implementation Strategies Touched on	23	15	28

- Things to note ~ 52%
 - The 53 strategies are over projected to start over a three-year period (25-27)
 - 2025- 29
 - 2026- 15
 - 2027 - 2
 - Ongoing- 7

Facilities Management

Completed Energy Saving Projects

- ▶ Charleston County Parking Garages - Installed LED Lighting throughout both garages
- ▶ Detention Center B/C Towers Solar Panel System - Last year New Inverter installed with Monitoring Software - Avg. \$10k+ Annual Savings
- ▶ Library Support Center - Used a highly efficient VRF *HVAC System
- ▶ PSB - LED lighting retrofits during office modification/space refresh projects
- ▶ James Island Magistrate - LED lighting, *HVAC controls/system replacement
- ▶ Detention Center Energy Plant - Replaced two *Trane Chillers
- ▶ ESB - LED Lighting retrofits for Parking lot and Exterior lighting
- ▶ LEC - Replaced two gas *Boilers this past April

*All Replacement equipment is Energy Star Rated

Facilities Management

Completed Energy Saving Projects

- ▶ **EV Charging stations:**
 - PSB
 - Libraries - WA-Bees ferry, MTP Regional, Baxter Patrick
 - CAW-CAW County park
 - Azalea Phase II Parking Lot EV Accom. - Occupy September 15, 2025
 - Parking Operations working on adding EV Chargers to both garages
- ▶ **Judicial Center Courtrooms** - Replaced existing lighting control system with more efficient and updated controls
- ▶ **Detention Center** - Kitchen *freezer/cooler replacement
- ▶ **EMS Station 8 (Edisto)** - New, larger facility, but more efficient *HVAC equipment and Controls and Lighting,
- ▶ **PW Remote Facility** - new facility is larger, but with more efficient lighting, *HVAC equipment and controls
- ▶ **EM Recycling Convenience Centers** - New Restrooms Solar Powered
- ▶ **Various window replacements/tinting** with higher Energy Efficiencies

*All Replacement equipment is Energy Star Rated

Facilities Management Energy Savings Performance Contract

County Council Authorized FM Staff to Negotiate and award contract to 3 rd Party Consultant (NV5)	Mar 26, 2024
FM/Procurement Staff and NV5 Developed RFP with Legal office assistance, fin for Review	Dec 2024 - Mar 2025
Finalized and Issued RFP	Mar 10 - 13, 2025
RFP Due Date, received five responses	April 25, 2025
FM RFP Evaluation Committee	May 13, 2025
NV5 to Evaluate RFP Responses & Present Executive Summary of Findings	May 16 , 2025
ESCO Interviews	Week of May 19, 2025
FM/Procurement to Recommend and request approval from County Council to Award most qualified ESCO and negotiate the Investment Grade Audit Agreement (IGAA)	June / July 2025

Draft Work Plan

- ▶ An annual Work Plan is required in the Climate Action Plan to prioritize strategies to implement each year
- ▶ Provided is a current draft, the purpose of this meeting is to brainstorm what areas we want to prioritize, so we can start setting these projects in motion, and allocate resources accordingly to make them happen.
 - ▶ I hope that this will be the format for the years to come and we can base it off the previous annual report
- ▶ In 2027 is when the next GHG inventory is due, and the last Implementation Strategy is projected to be started.
 - ▶ An opportunity to do a larger status check on the plan and we can create new strategies in needed based on the information provided in our recent GHG inventory

Implementation Priority Discussion

- ▶ After learning more about efforts happening internally and externally what are the Implantation Strategies or large projects you would like the Resilience and Sustainability division to focus on this year.

Public Comment Period

- ▶ Members of the public will have 2 minutes to comment.

Next Agenda

► June 10th, 2025

